

TABLE 6

Total expenditures for R&D performed by nonprofit organizations, by source of funds, type of R&D, and type of nonprofit organization: FYs 2020—21

(Dollars in thousands)

Source of funds and type of R&D	Type of nonprofit organization ^a							
	FY 2020				FY 2021			
	All organizations	Healthcare	Science and technology	Other nonprofit organizations	All organizations	Healthcare	Science and technology	Other nonprofit organizations
Total R&D expenditures	27,052,537	14,276,583	10,400,065	2,375,889	27,190,025	13,549,636	11,217,704	2,422,685
Basic research	12,364,015	7,303,585	4,489,489	570,941	11,926,470	6,356,622	4,791,591	778,257
Applied research	10,225,512	4,431,883	4,482,766	1,310,863	9,975,825	4,183,231	4,794,328	998,266
Experimental development	4,463,010	2,541,115	1,427,810	494,084	5,286,628	3,009,782	1,630,683	646,163
Federally funded R&D expenditures	11,958,721	5,354,330	6,142,966	461,425	11,619,826	4,673,876	6,512,232	433,718
Basic research	5,216,843	2,751,672	2,379,151	86,021	4,841,475	2,209,914	2,538,136	93,425
Applied research	4,901,954	1,840,947	2,771,211	289,796	5,100,233	1,751,043	3,067,423	281,767
Experimental development	1,839,924	761,712	992,604	85,609	1,894,635	723,556	1,096,754	74,325
Nonfederally funded R&D expenditures	15,093,816	8,922,253	4,257,099	1,914,464	15,313,490	8,824,930	4,515,392	1,973,168
Basic research	7,147,172	4,551,913	2,110,338	484,921	7,079,301	4,141,013	2,253,455	684,832
Applied research	5,323,558	2,590,936	1,711,555	1,021,067	4,866,416	2,421,911	1,728,007	716,498
Experimental development	2,623,086	1,779,404	435,206	408,476	3,367,774	2,262,006	533,930	571,838

i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

^a Nonprofit organizations are classified using the 2017 North American Industry Classification System code that accounts for the majority of their payroll. This classification may differ from the National Taxonomy of Exempt Entities Core Codes system used by the Internal Revenue Service and National Center for Charitable Statistics.

Note(s):

These data exclude nonprofit universities and colleges and federally funded research and development centers administered by nonprofit organizations. Detail may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Nonprofit Research Activities FY 2021 module of the 2022 Annual Business Survey.